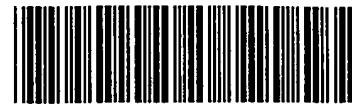


RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/533,750
Source: Pg 110
Date Processed by STIC: 5/12/05

ENTERED



PCT10

RAW SEQUENCE LISTING

DATE: 05/16/2005

PATENT APPLICATION: US/10/533,750

TIME: 16:07:30

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05162005\J533750.raw

```

3 <110> APPLICANT: Yoichi Matsubara
4     Shigeo Kure
5     Mitsubishi Kagaku Bio-Clinical Laboratories, Inc.
7 <120> TITLE OF INVENTION: Method of detecting gene mutation
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/533,750
C--> 9 <141> CURRENT FILING DATE: 2005-05-04
W--> 0 <130> FILE REFERENCE:
      9 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/014204
10 <151> PRIOR FILING DATE: 2003-11-07
12 <150> PRIOR APPLICATION NUMBER: JP 2002-323419
13 <151> PRIOR FILING DATE: 2002-11-07
15 <160> NUMBER OF SEQ ID NOS: 64
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 25
19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: primer
25 <400> SEQUENCE: 1
26 cccaaatcct tcctatctct cacag                                25
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 20
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: primer
36 <400> SEQUENCE: 2
37 tgctggagtt gagagccagc                                       20
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 17
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: probe
47 <400> SEQUENCE: 3
48 aagctgaaca ggaagaa                                           17
50 <210> SEQ ID NO: 4
51 <211> LENGTH: 15
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: probe
58 <400> SEQUENCE: 4

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RAW SEQUENCE LISTING

DATE: 05/16/2005

PATENT APPLICATION: US/10/533,750

TIME: 16:07:30

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05162005\J533750.raw

```

59 agctgaacag gaaga 15
61 <210> SEQ ID NO: 5
62 <211> LENGTH: 13
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: probe
69 <400> SEQUENCE: 5
70 gctgaacagg aag 13
72 <210> SEQ ID NO: 6
73 <211> LENGTH: 11
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: probe
80 <400> SEQUENCE: 6
81 ctgaacagga a 11
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 17
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: probe
91 <400> SEQUENCE: 7
92 aagctgaaaa ggaagaa 17
94 <210> SEQ ID NO: 8
95 <211> LENGTH: 15
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: probe
102 <400> SEQUENCE: 8
103 agctgaaaag gaaga 15
105 <210> SEQ ID NO: 9
106 <211> LENGTH: 13
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: probe
113 <400> SEQUENCE: 9
114 gctgaaaagg aag 13
116 <210> SEQ ID NO: 10
117 <211> LENGTH: 11
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: probe
124 <400> SEQUENCE: 10
125 ctgaaaagga a 11

```

RAW SEQUENCE LISTING

DATE: 05/16/2005

PATENT APPLICATION: US/10/533,750

TIME: 16:07:30

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05162005\J533750.raw

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127 <210> SEQ ID NO: 11
128 <211> LENGTH: 17
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: probe
135 <400> SEQUENCE: 11
136 aagctgaaaa ggaagaa 17
138 <210> SEQ ID NO: 12
139 <211> LENGTH: 15
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: probe
146 <400> SEQUENCE: 12
147 agctgaaaag gaaga 15
149 <210> SEQ ID NO: 13
150 <211> LENGTH: 13
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: probe
157 <400> SEQUENCE: 13
158 gctgaaaagg aag 13
160 <210> SEQ ID NO: 14
161 <211> LENGTH: 11
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: probe
168 <400> SEQUENCE: 14
169 ctgaaaagga a 11
171 <210> SEQ ID NO: 15
172 <211> LENGTH: 17
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: probe
179 <400> SEQUENCE: 15
180 aagctgaaca ggaagaa 17
182 <210> SEQ ID NO: 16
183 <211> LENGTH: 15
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: probe
191 <400> SEQUENCE: 16
192 agctgaacag gaaga 15
194 <210> SEQ ID NO: 17

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RAW SEQUENCE LISTING

DATE: 05/16/2005

PATENT APPLICATION: US/10/533,750

TIME: 16:07:30

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05162005\J533750.raw

```

195 <211> LENGTH: 13
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: probe
202 <400> SEQUENCE: 17
203 gctgaacagg aag 13
205 <210> SEQ ID NO: 18
206 <211> LENGTH: 11
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: probe
213 <400> SEQUENCE: 18
214 ctgaacagga a 11
216 <210> SEQ ID NO: 19
217 <211> LENGTH: 12
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: probe
224 <400> SEQUENCE: 19
225 gctgaacagg aa 12
227 <210> SEQ ID NO: 20
228 <211> LENGTH: 12
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: probe
235 <400> SEQUENCE: 20
236 gctgaaaagg aa 12
238 <210> SEQ ID NO: 21
239 <211> LENGTH: 12
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: probe
246 <400> SEQUENCE: 21
247 gctgaaaagg aa 12
249 <210> SEQ ID NO: 22
250 <211> LENGTH: 12
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: probe
257 <400> SEQUENCE: 22
258 gctgaacagg aa 12
260 <210> SEQ ID NO: 23
261 <211> LENGTH: 28

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RAW SEQUENCE LISTING

DATE: 05/16/2005

PATENT APPLICATION: US/10/533,750

TIME: 16:07:30

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05162005\J533750.raw

```

262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: primer
268 <400> SEQUENCE: 23
269 ctttttaatt ctagcaccaa gcaatatc 28
271 <210> SEQ ID NO: 24
272 <211> LENGTH: 20
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: primer
279 <400> SEQUENCE: 24
280 tccaagtatc tgcacagcat 20
282 <210> SEQ ID NO: 25
283 <211> LENGTH: 13
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: probe
290 <400> SEQUENCE: 25
291 gcaatgaaag ttg 13
293 <210> SEQ ID NO: 26
294 <211> LENGTH: 13
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: probe
301 <400> SEQUENCE: 26
302 gcaatggaag ttg 13
304 <210> SEQ ID NO: 27
305 <211> LENGTH: 12
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: probe
312 <400> SEQUENCE: 27
313 aacttccatt gc 12
315 <210> SEQ ID NO: 28
316 <211> LENGTH: 12
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: probe
323 <400> SEQUENCE: 28
324 aactttcatt gc 12
326 <210> SEQ ID NO: 29
327 <211> LENGTH: 21
328 <212> TYPE: DNA

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VERIFICATION SUMMARY

DATE: 05/16/2005

PATENT APPLICATION: US/10/533,750

TIME: 16:07:31

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05162005\J533750.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE